

Title (en)

FOULING CONTROL COATING COMPOSITION COMPRISING A POLYMER CONTAINING SILYL ESTER GROUPS, AND A POLYMER COMPRISING QUATERNARY AMMONIUM/PHOSPHONIUM SULFONATE GROUPS

Title (de)

BESCHICHTUNGSZUSAMMENSETZUNG ZUR FÄULNISVERHINDERUNG MIT EINEM POLYMER MIT SILESTERGRUPPEN UND EINEM POLYMER MIT QUATERNÄREN AMMONIUM-/PHOSPHONIUMSULFONATGRUPPEN

Title (fr)

COMPOSITION DE REVÊTEMENT ANTI-ENCRASSEMENT COMPRENANT UN POLYMÈRE CONTENANT DES GROUPES D'ESTER DE SILYLE ET POLYMÈRE CONTENANT DES GROUPES DE SULFONATE DE PHOSPHONIUM ET D'AMMONIUM QUATERNAIRES

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Application

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Abstract (en)

[origin: WO2016066566A1] The present invention relates to a fouling control coating composition comprising an ingredient having biocidal properties for aquatic organisms and (a1) a polymer comprising quaternary ammonium groups and/or quaternary phosphonium groups bound to the backbone of the polymer, said quaternary ammonium groups and/or quaternary phosphonium groups being neutralised by a conjugate base of a sulphonic acid having an aliphatic, aromatic, or alkaryl hydrocarbyl group, and (a2) a polymer comprising silyl ester groups. The invention further relates to a method of protecting a man-made structure immersed in water from fouling, and a substrate or structure coated with the fouling control coating composition.

IPC 8 full level

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